

Title (en)
An insulation-displacement terminal fitting

Title (de)
Schneidklemmkontakt

Title (fr)
Contact à déplacement d'isolation

Publication
EP 1168502 A1 20020102 (EN)

Application
EP 01114853 A 20010628

Priority
JP 2000194096 A 20000628

Abstract (en)

To improve both a contact reliability with a core and a function of restricting a loose movement of a wire. A solution is provided. An insulation-displacement portion 16 is formed by a pair of plate portions 16F, 16R which are bent from a side wall 12 by bending a portion of the side wall 12 to project substantially in V-shape. A bending angle beta between one plate portion 16R and the side wall 12 is set larger than a bending angle alpha between the other plate portion 16F and the side wall 12. Even if a pulling force acts on a wire W, the wire does not make a loose movement since the bending angle of the plate portion 16F located at the side behind with respect to a pulling direction to the side wall 12 is a right angle. Further, since the bending angle beta between the plate portion 16R and the side wall 12 is set larger, an angle γ between the plate portions 16F and 16R at the projecting end of the insulation-displacement portion 16 is sufficiently large to ensure a wide contact area with a core Wb. Thus, a high contact reliability can be secured. <IMAGE>

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H01R 4/24

IPC 8 full level
H01R 4/24 (2006.01)

CPC (source: EP US)
H01R 4/2466 (2013.01 - EP US)

Citation (search report)

- [X] US 3902154 A 19750826 - MCKEE WILLIAM H
- [X] US 4512619 A 19850423 - DECHELETTE HELEN [GB]
- [A] GB 1451357 A 19760929 - BUNKER RAMO

Designated contracting state (EPC)
DE FR GB IT

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